

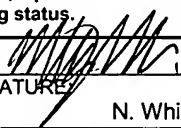
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| TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371 | | ATTORNEY'S DOCKET NUMBER 029869.00001-US01 |
| | | U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 107520506 |
| INTERNATIONAL APPLICATION NO. PCT/US2003/021469 | INTERNATIONAL FILING DATE 9 July 2003 | PRIORITY DATE CLAIMED 9 July 2002 |
| TITLE OF INVENTION METHODS OF TREATING MICROBIAL INFECTIONS IN HUMANS AND ANIMALS | | |
| APPLICANT(S) FOR DO/EO/US Craig A. Townsend; James D. Dick; Nicole M. Parrish; and Minerva Amorette Hughes | | |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: | | |
| 1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. 3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371 (f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2)) a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input checked="" type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)). a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)) a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input checked="" type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)). 9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)). | | |
| Items 11 to 20 below concern document(s) or information included: 11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input type="checkbox"/> A preliminary amendment. 14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. 15. <input type="checkbox"/> A substitute specification. 16. <input type="checkbox"/> A power of attorney and/or change of address letter. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825. 18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). 20. <input checked="" type="checkbox"/> Other items or information: Copy of the International Search Report | | |

PTO-1390 (Rev. 12-2004)

Approved for use through 03/31/2007. OMB 0651-0021
U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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|---|-----------------------------|---|--|--------------------------|-----------|
| U.S. APPLICATION NO. (if known, see 37 CFR 1.5) | | INTERNATIONAL APPLICATION NO. | | ATTORNEY'S DOCKET NUMBER | |
| 10/520506 | | PCT/US2003/021469 | | 029869.00001-US01 | |
| 21. The following fees are submitted: | | | | | |
| <input checked="" type="checkbox"/> | a) Basic national fee | | | \$300.00 | |
| <input checked="" type="checkbox"/> | b) Examination fee | | | \$200.00 | |
| <input checked="" type="checkbox"/> | c) Search fee | | | \$500.00 | |
| TOTAL OF ABOVE CALCULATIONS = | | | | \$1000.00 | |
| <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. | | | | | |
| Total Sheets | Extra sheets | Number of each additional 50 or fraction thereof (round up to a whole number) | | RATE | |
| 36 - 100 = | /50 = | | | x \$250.00 | |
| Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492 (e)). | | | | \$ 130.00 | |
| CLAIMS | NUMBER FILED | NUMBER EXTRA | RATE | | |
| Total claims | 27 - 20 = | 7 | x | 50.00 | \$ 350.00 |
| Independent claims | 2 - 3 = | | x | | \$ 0.00 |
| MULTIPLE DEPENDENT CLAIM(s) (if applicable) | | | + | | |
| TOTAL OF ABOVE CALCULATIONS = | | | | \$ 1,480.00 | |
| <input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2. | | | | \$ 740.00 | |
| SUBTOTAL = | | | | \$ 740.00 | |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492 (f)). | | | | + | |
| TOTAL NATIONAL FEE = | | | | \$ 740.00 | |
| Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property | | | | + | |
| TOTAL FEES ENCLOSED = | | | | \$ 820.00 | |
| | | | | Amount to be refunded: | \$ |
| | | | | Amount to be charged: | \$ |
| a. <input checked="" type="checkbox"/> A check in the amount of \$ 820.00 to cover the above fees is enclosed. b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-0740. A duplicate copy of this sheet is enclosed. d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. | | | | | |
| NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the International Application to pending status. | | | | | |
| SEND ALL CORRESPONDENCE TO: | | | | | |
| | | |  SIGNATURE N. Whitney Wilson NAME | | |
| CUSTOMER NUMBER: 26853 | | | 38,661 REGISTRATION NUMBER | | |

Docket No.: 029869.00001-US01
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Craig A. Townsend et al.

Application No.: Not Yet Assigned
(371 of Int'l. Appl. No. PCT/US2003/021469)

Group Art Unit: N/A

Filed: January 7, 2005
(Int'l. Filing Date: July 9, 2003)

Examiner: Not Yet Assigned

For: METHODS OF TREATING MICROBIAL
INFECTIONS IN HUMANS AND ANIMALS

TRANSMITTAL LETTER

MS PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Enclosed are the following items for filing in connection with the above-referenced
Patent Application:

1. Transmittal Letter to the United States Designated/Elected Office (DO/EO/US)
Concerning a Submission under 35 U.S.C. 371 (in duplicate);
2. Application Data Sheet;
3. Copy of International Publication No. WO 2004/004712 A1 comprising: 30
pages of description; six pages of claims; and seven sheets of drawings (Figs. 1,
2, 3A, 3B, and 4-7);
4. Copy of International Search Report;

Application No.: Not Yet Assigned
(371 of Int'l Appl. No. PCT/2003/021469)

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Docket No.: 029869.00001-US01

5. Check No. 338997 for \$820.00 to cover:
 - \$150.00 basic national fee;
 - \$100.00 examination fee;
 - \$250.00 search fee;
 - \$65.00 surcharge for late submission of the declaration;
 - \$255.00 additional claims fee; and
6. Two return receipt postcards.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 50-0740, under Docket No. 029869.00001-US01. A duplicate copy of this paper is enclosed.

It is not believed that extensions of time or fees for net addition of claims are required beyond those that may otherwise be provided for in documents accompanying this paper. However, if additional extensions of time are necessary to prevent abandonment of this application, then such extensions of time are hereby petitioned under 37 C.F.R. § 1.136(a), and any fees required therefor (including fees for net addition of claims) are hereby authorized to be charged to our Deposit Account No. 50-0740.

Dated: January 7, 2005

Respectfully submitted,

By 

N. Whitney Wilson

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Washington, DC 20004-2401
(202) 662-6000
Attorney for Applicant